

Voluntary Reporting of Greenhouse Gases 2005 - Summary

Report #: DOE/EIA-0608(2005/S)
Released Date: December 2006
Next Release Date: December 2007

Reduction Objective and Project Type	Number of Projects			Number of Reporters		
	Long Form	Short Form	Total	Long Form	Short Form	Total
Reducing Carbon Dioxide Emissions	981	134	1,115	89	26	115
Electricity Generation, Transmission, and Distribution	517	46	563	71	18	89
Cogeneration and Waste Heat Recovery	20	0	20	13	0	13
Energy End Use	377	79	456	67	17	84
Transportation and Offroad Vehicles	67	9	76	34	5	39
Reducing Methane and Nitrous Oxide Emissions	458	49	507	62	5	67
Waste Treatment and Disposal (Methane)	416	45	461	48	4	52
Agriculture (Methane and Nitrous Oxide)	2	3	5	2	1	3
Oil and Natural Gas Systems and Coal Mining (Methane)	40	1	41	21	1	22
Carbon Sequestration	590	16	606	60	13	73
Halogenated Substances	47	1	48	32	1	33
Other Emission Reduction Projects	83	20	103	47	9	56
Subtotal	2,159	220	2,379	141	33	174
Entity-Level Reporting Only (No Projects)	NA	NA	NA	45	NA	45
Commitment Reporting Only (No Projects or Entity-Level Data)	NA	NA	NA	0	NA	0
Confidential Reports	W	W	W	2	0	2
Total	2,159	220	2,379	188	33	221

NA = not applicable. W= withheld.

Notes: The total number of reporters is smaller than the sum of the number of reporters for each project type, because most reporters provided information on more than one project. Total number of reporters includes confidential reports, which are excluded from the sum of reporters for each project type. Table excludes projects submitted in confidential reports.

Source: Energy Information Administration, Forms EIA-1605 and EIA-1605EZ.

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Table S5. Geographic Scope of Reports Received and Location of Emission Reduction Projects, Data Years 1994-2005									
Year	Reports Received					Projects Reported ^b			
	U.S. Only		Foreign Only	Both U.S. and Foreign	Total ^a	U.S. Only		Foreign Only	Total ^a
	Long Form	Short Form				Long Form	Short Form		
1994	65	34	2	4	108	500	125	9	634
1995	82	40	2	16	142	760	164	36	960
1996	83	41	1	24	150	828	179	33	1,040
1997	90	40	1	31	162	1,017	199	72	1,288
1998	118	47	1	40	207	1,212	252	85	1,549
1999	125	39	4	37	207	1,397	237	87	1,721
2000	153	36	1	45	236	1,761	229	99	2,089
2001	155	32	1	43	232	1,596	210	91	1,897
2002	156	35	3	39	234	1,708	253	94	2,055
2003	162	35	2	40	240	1,900	226	96	2,222
2004 ^(R)	161	31	3	36	232	1,881	212	92	2,185
2005	148	33	2	36	221	2,061	220	98	2,379

^aTotals are greater than the sum of the components because the latter exclude information from confidential reports.
^bExcludes projects submitted in confidential reports.
(R) = revised.
Notes: The number of reports received for 2004 was revised to reflect the receipt of 6 reports after the finalization of the Public Use Database for last year's annual report. The number of projects reported for 2004 has also been revised to reflect the projects included in those reports.
Source: Energy Information Administration, Forms EIA-1605 and EIA-1605EZ.

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Table S6. Reported Emission Reductions and Sequestration for Projects Reported on Form EIA-1605 by Reduction Objective, Project Type, Source, and Reference Case Employed, Data Year 2005
(Million Metric Tons Carbon Dioxide Equivalent)

Reduction Objective and Project Type	Direct Reductions			Indirect Reductions			Sequestration		
	Modified	Basic	Total	Modified	Basic	Total	Modified	Basic	Total
Reducing Carbon Dioxide Emissions	192.7	1.4	194.1	32.0	0.1	32.1	NA	NA	NA
Electricity Generation, Transmission, and Distribution	164.9	0.8	165.7	17.5	—	17.5	NA	NA	NA
Cogeneration and Waste Heat Recovery	2.0	*	2.0	0.9	—	0.9	NA	NA	NA
Energy End Use	23.0	0.6	23.5	13.5	0.1	13.6	NA	NA	NA
Transportation and Offroad Vehicles	2.9	*	2.9	0.1	0.0	0.1	NA	NA	NA
Reducing Methane and Nitrous Oxide Emissions . .	73.3	0.4	73.8	21.3	1.1	22.4	NA	NA	NA
Waste Treatment and Disposal (Methane)	57.4	0.4	57.8	21.3	1.1	22.4	NA	NA	NA
Agriculture (Methane and Nitrous Oxide)	*	—	*	*	—	*	NA	NA	NA
Oil and Natural Gas Systems and Coal Mining (Methane)	15.9	—	15.9	—	—	—	NA	NA	NA
Carbon Sequestration	*	—	*	*	*	*	7.5	0.5	7.9
Halogenated Substances	0.6	6.6	7.3	0.2	*	0.2	NA	NA	NA
Other Emission Reduction Projects	18.7	—	18.7	7.9	4.7	12.6	NA	NA	NA
Total	285.4	8.5	293.8	61.5	5.9	67.4	7.5	0.5	7.9

*Less than 0.05 million MTCO₂e. — = Not reported. NA = not applicable.

Note: Excludes reductions and sequestration for projects reported on the short form (Form EIA-1605EZ), which does not collect information on the reference case employed. Excludes projects submitted in confidential reports.

Source: Energy Information Administration, Form EIA-1605.

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Table S7. Number of Projects Reported on Form EIA-1605 by Reduction Objective, Project Type, and Reference Case Employed, Data Year 2005 (Number of Projects)					
Reduction Objective and Project Type	Type of Reference Case				Total Number of Projects
	Modified		Basic		
	Number of Projects	Percent	Number of Projects	Percent	
Reducing Carbon Dioxide Emissions.	923	94	57	6	980
Electricity Generation, Transmission, and Distribution	508	98	8	2	516
Cogeneration and Waste Heat Recovery	19	95	1	5	20
Energy End Use	334	89	43	11	377
Transportation and Offroad Vehicles	62	93	5	7	67
Reducing Methane and Nitrous Oxide Emissions.	451	98	7	2	458
Waste Treatment and Disposal (Methane).	412	99	4	1	416
Agriculture (Methane and Nitrous Oxide)	2	100	0	0	2
Oil and Natural Gas Systems and Coal Mining (Methane) . .	37	93	3	8	40
Carbon Sequestration	576	98	14	2	590
Halogenated Substances	23	49	24	51	47
Other Emission Reduction Projects	74	89	9	11	83
Total.	2,047	95	111	5	2,158
Notes: Excludes projects reported on the short form (Form EIA-1605EZ), which does not collect information on the reference case employed. Excludes one project reported on the long form (Form EIA-1605) for which no reference case was specified because reductions were not estimated. Table excludes projects submitted in confidential reports.					
Source: Energy Information Administration, Form EIA-1605.					

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Year	Number of Entities Reporting	Emissions		Emission Reductions by Type of Reference Case						Sequestration
		Direct	Indirect	Direct			Indirect			
				Modified	Basic	Total	Modified	Basic	Total	
1994	39	752.7	494.9	38.2	22.6	60.8	1.6	1.2	2.8	0.5
1995	50	875.8	499.6	56.0	39.3	95.3	46.0	2.7	48.6	0.8
1996	55	1,183.1	461.5	65.4	44.6	110.0	42.9	5.7	48.6	7.9
1997	60	1,006.6	525.8	73.7	20.3	94.0	24.8	3.4	28.2	7.1
1998	76	1,110.7	473.5	105.8	22.6	128.4	28.3	13.2	41.6	11.2
1999	83	967.9	481.0	114.7	35.3	150.0	30.3	8.4	38.7	8.4
2000	109	1,068.2	111.7	123.6	83.0	206.7	34.8	-7.8	27.0	7.5
2001	113	799.6	111.5	121.4	90.4	211.9	38.9	-6.7	32.2	7.5
2002	119	889.3	111.2	148.4	83.3	231.6	44.2	-8.3	35.9	6.9
2003	130	899.5	106.4	183.6	31.8	215.4	46.0	-3.0	43.0	6.9
2004 ^(R)	125	945.2	75.3	180.9	27.5	208.4	49.1	-0.8	48.3	7.0
2005	118	947.6	86.5	182.8	26.2	209.0	25.9	1.8	27.6	7.7

Notes: 2004 data year includes 6 late reports that were not received in time to be included in last year's annual report and database. Negative reductions represent increases in emissions.

Source: Energy Information Administration, Form EIA-1605.